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(54) Title: RECOMBINANT EXPRESSION VECTORS FOR FUNCTIONAL Na_v1.9 SODIUM CHANNELS

(57) Abstract: The present invention is drawn to the stable cloning and expression of Na_v1.9 sodium channel at the mRNA and protein levels, production of sodium channel currents characteristic of native currents in dorsal root ganglion neurons and to cell lines transiently or stably expressing recombinant Na_v1.9 sodium channel.

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